

Application No.: 09/781,388  
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Amendment  
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33. (Amended) A medical balloon comprising:

C2 a body portion having a body wall thickness, a proximal cone portion having a proximal cone wall thickness, a proximal waist portion having a proximal waist wall thickness, a distal cone portion having a distal cone wall thickness, and a distal waist portion having a distal waist wall thickness, at least a portion of the balloon having a ground or chemically etched surface, wherein at least one of the proximal waist wall thickness and the distal waist wall thickness is no thicker than at least one of the proximal cone wall thickness, the distal cone wall thickness, and the body wall thickness.

C3 40. (Amended) The medical balloon of claim 33 wherein at least one balloon portion selected from the group consisting of the body portion, the proximal cone portion, the distal cone portion, the proximal waist portion, the distal waist portion and any combination thereof, has a ground surface.

41. (Amended) The medical balloon of claim 33 wherein at least one balloon portion selected from the group consisting of the body portion, the proximal cone portion, the distal cone portion, the proximal waist portion, the distal waist portion and any combination thereof, has a chemically etched surface.

42. (Amended) A medical balloon comprising:

a body portion having a body wall thickness;

a proximal cone portion, the proximal cone portion having a proximal cone wall thickness, the proximal cone wall thickness being no thicker than the body wall thickness;

a proximal waist portion, the proximal waist portion having a proximal waist wall thickness, the proximal waist wall thickness being no thicker than the proximal cone wall thickness;

a distal cone portion having a distal cone wall thickness, the distal cone wall thickness being no thicker than the body wall thickness; and

a distal waist portion having a distal waist wall thickness, the distal waist wall